



# PowerEdge R7725xd

## Versatility Meets Performance

The new Dell PowerEdge R7725xd is designed to support Storage Dense workloads. This exceptionally powerful server provides excellent performance, flexibility and high-capacity storage and rich I/O options in an air-cooled configuration.

### Breakthrough performance that scales

The Dell PowerEdge R7725xd delivers the most storage-dense offering paired with rich I/O capability. Ideal for Object Storage.

### Striving for next-level compute

Our partnership with AMD allows us to provide customers with a powerful 2-socket 2U server that can handle a variety of workloads. The PowerEdge R7725xd is perfect for workloads requiring performance and dense storage options, supporting AI, Enterprise and CSPs use cases with greater flexibility to suit diverse customer needs.

- Maximize performance with two AMD 5<sup>th</sup> Generation EPYC™ processors packed with 50% more cores.
- Memory density with DDR5 memory capacity.
- Up to 5x Gen 5 PCIe slots\* and single OCP offering flexibility to meet workload requirements.

### Energy Efficiency through consolidation

Lower your total cost of ownership while reducing energy consumption and make the best use of existing data center space

- Smart Cooling design allows most configurations to be air-cooled
- Improved heat sinks for better thermal performance

### Cyber Resilient Architecture for Zero Trust IT environment & operations

Security is integrated into every phase of the PowerEdge lifecycle, including protected supply chain and factory-to-site integrity assurance. The Silicon-based root of trust anchors end-to-end boot resilience while Multi-Factor Authentication (MFA) and role-based access controls safeguard trusted operations.

### Increase efficiency and accelerate operations with autonomous collaboration

The Dell OpenManage systems management portfolio tames the complexity of managing and securing IT infrastructure. Using Dell Technologies' intuitive end-to-end tools, IT can deliver a secure, integrated experience by reducing process and information silos in order to focus on growing the business. The Dell OpenManage portfolio is the key to your innovation engine, unlocking the tools and automation that help you scale, manage, and protect your technology environment.

### Sustainability

From recycled materials in our products and packaging, to thoughtful, innovative options for energy efficiency, the PowerEdge portfolio is designed to make, deliver, and recycle products to help reduce the carbon footprint and lower your operation costs. We even make it easy to retire legacy systems responsibly with Dell Technologies.

#### PowerEdge R7725xd

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- Object Storage

## Rest easier with Dell Technologies Services

Maximize your PowerEdge Servers with comprehensive services designed to meet you wherever you are. Accelerate time to value in achieving high AI use cases with **Professional Services for AI**, choose from tailored deployment options with the **ProDeploy Suite**, receive proactive and predictive support with our **ProSupport Suite**, and so much more with our services available across 170 locations and backed by our 60K+ employees and partners.

**NOTE:** “This document provides a comprehensive list of product features. However, features marked with an asterisk (\*) may not be available at launch but introduced in future updates. Please note that this document does not confirm the availability or release timeline of any feature. For the most accurate and up-to-date information on feature availability, please refer to the product configurator page on [dell.com](https://www.dell.com).”

Feature	Technical Specifications
Processor	Two 5 <sup>th</sup> Generation AMD EPYC 9005 Series processors with up to 192* cores per processor
Memory	<ul style="list-style-type: none"><li>24 DDR5 DIMM slots, supports RDIMM 3 TB max*, speeds up to 6400 MT/s</li><li>Supports registered ECC DDR5 DIMMs only</li></ul>
Storage controllers	<ul style="list-style-type: none"><li>Internal Controllers (RAID): N/A</li><li>Internal Boot: Boot Optimized Storage Subsystem (BOSS-N1 DC-MHS)</li><li>External HBAs (non-RAID): N/A</li></ul>
Drive Bays	Front bays: <ul style="list-style-type: none"><li>24 x 2.5-inch U.2 Gen5 NVMe max 2928 TB*</li></ul>
Power Supplies	<ul style="list-style-type: none"><li>1500 W Titanium 100—240 VAC or 240 HVDC, hot swap redundant</li><li>1800 W Titanium 200-240 VAC or 240 HVDC, hot swap redundant*</li><li>2400 W Titanium 100—240 VAC or 240 HVDC, hot swap redundant*</li><li>3200 W Titanium 200-240 VAC or 240 HVDC, hot swap redundant</li></ul>
Cooling Options	Air cooling
Fans	<ul style="list-style-type: none"><li>Up to six hot plug fans</li></ul>
Dimensions	<ul style="list-style-type: none"><li>Height – 86.8 mm (3.42 inches)</li><li>Width – 482 mm (18.98 inches)</li><li>Depth – 802.4 mm (31.59 inches) with bezel 801.51 mm (31.55 inches) without bezel</li></ul>
Form Factor	2U rack server
Embedded Management	<ul style="list-style-type: none"><li>iDRAC 10</li><li>iDRAC Direct</li><li>iDRAC RESTful API with Redfish</li><li>Racadm CLI</li></ul>
Bezel	Optional metal bezel*
OpenManage Consoles	<ul style="list-style-type: none"><li>OpenManage Enterprise (OME)</li><li>OME Power Manager</li><li>OME Services</li><li>OME Update Manager</li><li>OME APEX AIOps Observability</li><li>OME Integration for VMware vCenter (with VMware Aria Operations)</li><li>OME integration for Microsoft System Center</li><li>OpenManage Integration for Windows Admin Center</li></ul>
Mobility	N/A
Tools	IPMI
Integrations and Connections	OpenManage Integrations <ul style="list-style-type: none"><li>RedHat Ansible Collections</li><li>Terraform Providers</li></ul>
Change Management	<ul style="list-style-type: none"><li>Dell Repository Manager</li><li>Dell System Update</li><li>Enterprise Catalogs</li><li>Server Update Utility (SUU)</li></ul>
Security	<ul style="list-style-type: none"><li>Cryptographically signed firmware</li><li>Data at Rest Encryption (SEDs with local or external key mgmt)</li><li>Secure Boot</li><li>Secured Component Verification (Hardware integrity check)</li><li>Secure Erase</li><li>Silicon Root of Trust</li><li>System Lockdown</li><li>TPM 2.0 FIPS, CC-TCG certified</li><li>Chassis Intrusion Detection</li></ul>
GPU Options	N/A

Feature	Technical Specifications	
Ports	Front Ports <ul style="list-style-type: none"><li>1 x USB 2.0 Type-A (optional LCP-Secondary KVM)</li><li>1 x USB 2.0 Type-C (HOST/BMC Direct)</li><li>1 x Mini DisplayPort (optional LCP-Secondary KVM)</li></ul>	Rear Ports <ul style="list-style-type: none"><li>1 x dedicated BMC Ethernet port</li><li>2 x USB 3.1 Type-A</li><li>1 x VGA</li></ul>
	Internal Port <ul style="list-style-type: none"><li>1 x USB 3.1 Type-A</li></ul>	
PCIe	Up to five* PCIe slots (x16 connector) <ul style="list-style-type: none"><li>Slot 2: 1 x16 Gen5 Full Height</li><li>Slot 3: 1 x16 Gen5 Full Height or 1 x16 Gen5 Low Profile</li><li>Slot 4: 1 x16 Gen5 Full Height*</li><li>Slot 7: 1 x16 Gen5 Full Height</li><li>Slot 8: 1 x16 Gen5 Full Height</li><li>Slot 9: 1 x16 Gen5 Low Profile</li></ul>	
Gen5 PCIe slots	5*	
OCP Network options	<ul style="list-style-type: none"><li>1 x OCP NIC 3.0 card (optional) and 10GbE</li><li>Slot 10: 1 x4 Gen3 OCP3.0</li></ul>	
Embedded NIC	1 Gb dedicated BMC Ethernet port	
PCIe Add-in Card (AIC) NIC	100 GbE and 400GbE; NDR VPI (400GbE)	
Operating System and Hypervisors	<ul style="list-style-type: none"><li>Canonical Ubuntu Server LTS</li><li>Microsoft Windows Server with Hyper-V*</li><li>Red Hat Enterprise Linux</li><li>VMware ESXi*</li></ul> <p>For specifications and interoperability details, see <a href="https://Dell.com/OSsupport">Dell.com/OSsupport</a>.</p>	
OEM-ready version available	From bezel to BIOS to packaging, your servers can look and feel as if they were designed and built by you. For more information, visit <a href="https://Dell.com/OEM">Dell.com/OEM</a> .	


\*Feature not available at product launch in June, 2025. Please refer to the product configurator page on Dell.com to confirm feature availability.

**NOTE:** From bezel to BIOS to packaging, your servers can look and feel as if they were designed and built by you with our OEMR platforms. For more information, visit Dell.com -> Solutions -> OEM Solutions.


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APEX Flex on Demand Acquire the technology you need to support your changing business with payments that scale to match actual usage. For more information, visit [www.delltechnologies.com/en-us/payment-solutions/flexible-consumption/flex-on-demand.htm](https://www.delltechnologies.com/en-us/payment-solutions/flexible-consumption/flex-on-demand.htm).


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